

Title (en)
ROBOTIC SHOULDER REPAIR AND RECONSTRUCTION

Title (de)
ROBOTISCHE SCHULTERREPARATUR UND -REKONSTRUKTION

Title (fr)
RÉPARATION ET RECONSTRUCTION D'ÉPAULE ROBOTIQUE

Publication
EP 3494918 A1 20190612 (EN)

Application
EP 18210813 A 20181206

Priority
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Abstract (en)
A surgical system including a mechanical arm adapted to assist in prosthesis implantation and/or fracture repair. The surgical system can include a computer system executing a pre-operative plan and a repositionable, lockable surgical support arm and/or a robotic system with a robotic arm having a surgical instrument attached thereto. The lockable support arm and/or the robotic arm are adapted to stabilize a prosthesis and/or a bone during a procedure. The robotic arm can be adapted to assist in execution of the pre-operative plan, including assisting with fracture repair operations.

IPC 8 full level
A61B 34/30 (2016.01); **A61B 34/00** (2016.01); **A61B 34/10** (2016.01); **A61B 34/20** (2016.01)

CPC (source: EP US)
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Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DOCDB simple family (publication)
EP 3494918 A1 20190612; US 10987175 B2 20210427; US 11779402 B2 20231010; US 2019167356 A1 20190606;
US 2021236211 A1 20210805; US 2023389994 A1 20231207

DOCDB simple family (application)
EP 18210813 A 20181206; US 201816210787 A 20181205; US 202117218455 A 20210331; US 202318235551 A 20230818